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The death of Ben. Vaughan, of Hallowell, Maine, a member, was announced, and Mr. Merrick appointed to prepare a notice.

*Extra-Magellanic Premium:* A communication accompanied by a sealed paper endorsed "Investigator," was presented and referred to the Board of Officers.

Prof. Bache, in reference to "the hypothesis advanced by Prof. Phillips, of London, to explain the greater quantity of rain which falls at the surface of the ground than at a height above it," claimed it for Dr. Franklin, whose letter to Mr. Percival, of England, first published in the Manchester Memoirs for 1784, contains the hypothesis referred to.

1836. *Jan'y* 1. (Present, 16. V. P. Patterson in the Chair; F. Bache, A. D. Bache, Vaughan, Ord, Lea, Nulty, Espy, Hembel, T. Peale, Courtenay, Hays, Mease, Emerson, Coates, Harlan.)

Election of Officers reported; V. P. Ord in the Chair to call the meeting to order; after the report he yielded the Chair to Dr. Patterson, who had been elected in his place, Mr. Ord having declined reëlection as Vice-President. Twelve votes only had been polled at the election in the afternoon.

#### ANNUAL ELECTION OF OFFICERS.

*President*—DuPonceau.

*Vice-Presidents*—Chapman, Hopkinson, R. M. Patterson.

*Secretaries*—F. Bache, Kane, A. D. Bache, Meigs.

*Curators*—Wetherill, Griffith, Lea.

*Treasurer*—Vaughan.

Donations of books from Harlan and DuPonceau.

Transactions American Philosophical Society V, ii, reported "ready for publication."

The death of Dr. Hosack, Dec. 22, 1835, was announced; Dr. Chapman appointed to prepare a notice.

1836. *Jan'y* 15. (Present, 30. Patterson in the Chair;

Hopkinson, Kane, Meigs, A. D. Bache, Lea, Griffith, Vaughan, Coates, McEwen, Harlan, La Roche, F. Peale, T. Peale, Fisher, Tanner, Carey, Hays, Hembel, Sully, Robinson, Bancker, Pickering, Courtenay, McIlvaine, Espy, Emerson, Bell, Mease, Nulty.)

Donations of books from seven sources. Thanks voted to Louis Phillipe through the French Consul, M. Dannery.

Transactions American Philosophical Society V, ii, reported "published."

Board of Officers reported progress on the Meteorological paper.

Franklin's (and his associates) right to the credit of "the discovery of the *non-conducting power of ice for electricity* recently investigated by Dr. Faraday," was the subject of a verbal communication by Prof. Bache.

The death of Roberts Vaux was announced by Mr. Fisher, who was appointed to prepare an obituary notice.

"*Resolved*, That the Society feel a deep regret for the loss of their late fellow member the Hon. Roberts Vaux, whose many virtues & services to his fellow citizens have gained for him the high esteem of the members of this society.

"*Resolved*, That a copy of these resolutions be transmitted to the family of the deceased, with the condolence of the Society in their bereavement."

List of Surviving Members read over.

The death of Wm. Humboldt, April 8, 1835, was reported.

Standing Committees for 1836 were appointed:

*Finance*—C. C. Biddle, Ord, McIlvaine.

*Publication*—Lea, Griffith, Hays.

*Hall*—Strickland, Kane, Vaughan.

*Library*—Moore, Pickering, Hays.

Librarian elected—Vaughan.

New members elected: C. C. Leonhard, of Heidelberg, Germany; C. G. Reinwardt, of Leyden; Don Manuel Naxera, of Mexico; Chev. Morelli, Consul General, of Naples; Job R. Tyson, of Philadelphia; Nathan Dunn, of Philadelphia; Prof. John Griscom, now of Philadelphia.

1836. *Feb'y* 5. (Present, 26. Judge Hopkinson in the Chair; new members: Dunn, Griscom, and Morelli, introduced.)

Donations of books from four sources.

*Extra-Magellanic essay by "Investigator"*: Report of the Board of Officers submitted the following resolutions:

1. *Resolved*, That in the opinion of the officers and council the communication of Investigator contains a theory of rain, &c., based upon physical principles admitted to be correct and which theory may lead to useful discoveries in Meteorology.

2. *Resolved*, That this communication is such a one as is referred to in Art. 6 of the Condition of the Extra Magellanic Premium.

3. *Resolved*, That the officers and council recommend the communication above referred to for the award of an Extra Magellanic premium of \$45.

4. *Resolved*, That the author be requested to adapt his paper to publication in the Transactions of the Society, his communication to be submitted to a committee, as usual.

The report being accepted, in was

"*Resolved*, That the Society will at its next stated meeting proceed to the consideration of the Resolutions presented . . . . and to final adjudication . . . ."

Ordered, that due notice of time and place of meeting and business "be given by public advertisement."

"*Naiades*," a continuation of Mr. Lea's former paper, was read by him, and at his request the Secretary was directed to publish an abstract "in such journals as may be selected."

Mr. Vaughan verbally described the Berlin Academy's prizes in Natural Philosophy and Mathematics.

1836. *Feb'y* 19. (Present, 21. In the absence of the President and Vice-Presidents, Dr. Mease in the Chair; new member, Tyson, introduced.)

Donations from Griscom, Wharton, Walker, and Troost.

Turkish and Arabian books *deposited* by John P. Brown.

The stated business was, on motion of Mr. Nulty, postponed to the next meeting, public notice to be again given.

Mr. Lea received permission to change two of the *specific names* in his papers of Dec. 19, 1834, and Feb. 5, 1836, viz., *U. carolinensis* to *U. vaughanensis*, and *U. vittatus* to *U. nolatus*.

1836. *March 4.* (Present, 24. DuPonceau in the Chair; Kane, Meigs, A. D. Bache, Griffith, Vaughan, Mease, Nulty, Col. Biddle, Morgan, Coates, Tyson, Pickering, Carey, Griscom, Lukens, Hays, Espy, Bancker, Courtenay, Fisher, McEwan [*sic*], Major Bache, McIlvaine.)

Donations from U. S. Secretary of State, J. R. Ingersoll and DuPonceau.

Report of Board of Officers on "Investigator" read. *Minority report*\* also read, by Dr. Mease, "dissenting from the resolutions, recommending the award of an *Extra-Magellanic Premium*. Mr. Nulty read a paper, dissenting from the same resolutions, and stating reasons for his dissent." After discussion, the following resolution offered by the Board was adopted:

"*Resolved*, That this communication is such a one as is referred to in Article 6 of the conditions of the Extra-Magellanic premium."

Then, on motion, it was

"*Resolved*, That the Society will now proceed to ballot on the question, whether an extra-Magellanic premium of \$45 shall be awarded to the author of the paper signed 'Investigator,' a white ball being counted as a vote in the affirmative.

"The balloting having been concluded, the ballots were counted by the President, who announced that the question had been decided in the affirmative. The following resolution was then adopted:

"*Resolved*, That the author . . . be requested to adapt his paper to publication in the Transactions of the Society, his communication, however, to be submitted to a Committee as usual.

"The letter containing the real name of the author of the

\* These were times of hot controversy respecting the three meteorological theories of Hare, Espy and Redfield.—J. P. L.

memoir was then opened by the President, who reported that the author of the memoir signed 'Investigator' was James P. Espy, of Philadelphia.

"The Treasurer was directed to attend to the conferring of the extra-Magellanic premium or medal."

1836. *March* 18. (Present, 20. Duponceau in the Chair Prof. Rogers, Major Bache, Espy, and others.)

Donations from five persons and the Council of Mines.

The deaths of Judge Charles Smith, of Lancaster; of Julius Klaproth, of Paris; and of Dr. Hopkinson, of Philadelphia, were announced by Dr. Bache. Obituary notices of C. Smith by Mr. DuPonceau, and of Hopkinson by Dr. Chapman were requested.

Mr. Pickering stated that he possessed a catalogue of Alex. McClure, of New Harmony, and was authorized to exchange the books. This and

A catalogue of books offered for sale by Mr. Vaughan, were referred to "Messrs. Hays, Kaue, Lea, Fisher and Bache."

"The librarian was authorized to procure the volumes necessary to complete the set of the R. S. Trans., London."

Communication on collections for Observatory requested to report progress.

Treasurer "authorized to deliberate, vote and act in behalf of the Society, at any meeting or election for Officers in the Philadelphia Contributionship for the Insurance of Houses from Loss by Fire."

1836. *April* 1. (Present, 20. DuPonceau in the Chair.)

Donations of books from the Royal Society, London, and six persons.

Donations for the Cabinet from Mr. Huntingdon, of Natchez, J. Hitz, Hopkinson, White and Nelson.

Committee on the two Catalogues, continued.

“ *Essay on Tornadoes ;*”

“ *Essay on Etherization ;*”

“ Account of a process for procuring Sweet Spirits of Nitre ;”

“ A notice of the Collapse of a Reservoir ;”

“ Account of an Air-pump for condensing and exhausting ;”

“ Account of a newly arranged Electric machine ;”

“ Account of an improved Barometer gauge Eudiometer ;”

“ Verbal notice on the Climate of Pennsylvania ;” all presented by Dr. Hare and referred—the chemical papers, to F. Bache, A. D. Bache, Dr. Wood ; the remainder, to Patterson, A. D. Bache, Espy ; these committees to meet at an adjourned meeting “ to-morrow evening ;” H. D. Rogers being substituted on the Chemical Committee for and at the request of A. D. Bache, excused.

1836. *April 2. Adjourned meeting.* (Present, 8. DuPonceau ; Chapman, Patterson, Kane, Vaughan, Espy, Emerson, Hare.)

Committee (not Chemical) reported in favor of publishing Dr. Hare's papers: 1. On an Air-pump ; 2. On a Barometer ; 3. On an Electrical machine ; 4. On the “ rationale of a singular instance of the collapse of a reservoir, &c. ;” 5. On the causes of the tornado, or water-spout. Report accepted, and papers ordered for publication.

Dr. Emerson's request that a copy of his Franklin Institute lecture in Nov., 1833, on the *Star shower* “ be filed among the archives” was granted.

“ Notes and diagrams illustrative of the directions of the forces acting, &c., in parts of the *Brunswick Tornado* in June, 1835,” by Prof. A. D. Bache, was presented by Dr. Patterson, and referred to Patterson, Espy, Emerson.

1836. *April 15.* (Present, 25. DuPonceau in the Chair ; Condie, Coates, Espy, Emerson, Fisher, Major Bache, Lu-

kens, Carey, McIlvaine, T. Peale, Gilpins, Dr. Randolph, Rogers, Dr. Haigh, Tyson, and others.)

Donations from four persons.

Committee on the four chemical papers of Dr. Hare, reported in favor of the publication of, 1. Of Sulphate of etherine, or oil of wine; 2. On nitric ether; 3. Of the reaction of the essential oils with sulphurous acid; 4. Of Sassarubrin, a resin evolved by Sulphuric acid from Oil of Sassafras. Report accepted, and papers ordered for publication.

Committee on A. D. Bache's "Notes, &c.," reported in favor of its publication, which was so ordered.

"Memoir containing deductions from observations made on the *Spout* which occurred at or near New Brunswick June 19th last," by Mr. Espy, was read and referred to A. D. Bache, Emerson, Patterson.

Violent storms on the same day were described by Dr. Mease, as having occurred in Cecil Co., Md., Luzerne Co., Pa., and in [blank] Co., Va. Another tornado on the same day upon the Kiskiminitas, was described by Judge Hopkinson, who had crossed it.

The death of Wm. Rawle was reported, and the President was requested to prepare an obituary notice.

Nomination for membership, "*numbered 1*," was read.

New members elected:

J. S. DaCosta Macedo, Sec. Acad. Lisbon.

Nicholas Carlisle, LL.D., of London.

Granville Penn, of Stoke Park, England.

1836. *May 6.* (Present, 18. DuPonceau in the Chair; Mr. Dunn, Dr. Homer, T. Peale, F. Peale, and others.)

Donations from Ord, A. D. Bache, Nicklin, Duponceau, Niles, of Baltimore, and the Albany Institute.

Committee on Espy's paper on the "New Brunswick Spout" reported in favor of its publication.

"Thornton's method of making Polygons" was read and referred to A. D. Bache, Patterson and Courtenay.



"On the relative horizontal intensities of terrestrial magnetism at several places in the U. S.," by Profs. Bache and Courtenay, was read and referred to Patterson, Lukens and Espy.

The death of Destutt Tracy was announced, and the President requested to prepare an obituary notice of the deceased.

*Peter A. Browne*: Judge Hopkinson submitted the following preamble and resolution, which were laid on the table for consideration at the next meeting:

"WHEREAS, Our fellow Citizen, Peter A. Browne, Esqre, has devoted much of his time and attention to Scientific pursuits, especially in the department of Geology, and is now about to depart for Europe with the intention of encreasing [*sic*] his knowledge,

"*Resolved*, That the President of the Society be requested to address a letter, expressive of the respectful sense entertained by the Society of the zeal and success with which he has prosecuted his studies, and the hope that he may receive in Europe the facilities he may desire for the promotion of the valuable objects of his visit."

FRANKLIN'S PORTRAIT: "Mr. Vaughan mentioned that the Portrait of Franklin in the possession of the Society is a *Copy by Martin* of an original by the same Painter, and not a *Copy by Peale*, as heretofore supposed."

1836. May 20. (Present, 17. DuPonceau in the Chair.)

Donations from six institutions and two persons. The President was desired to answer the letter from the London Geographical Society.

Committee on Bache and Courtenay's paper reported in favor of its publication.

"A number of Observations of the *Recent Solar Eclipse*," were communicated by Dr. Patterson, at whose request Courtenay, Patterson and A. D. Bache were appointed "a Committee to complete the observations and to make the necessary calculations." Prof. Bache was requested to prepare those "communicated this evening, for publication in

the Journal of the Franklin Institute, as an extract from the proceedings of this Society."

Espy's Extra-Magellanic premium paper, now presented for publication in the Transactions, was referred to A. D. Bache, Emerson and Patterson.

"Particulars of the *New Brunswick Tornado*," were read from a letter from Dr. Janeway, of New Brunswick, to Dr. Patterson. This letter was referred to A. D. Bache, Emerson and Espy.

Descriptions of "several articles of *Chemical Apparatus*, &c.," by Dr. Hare, were read and referred to F. Bache, H. D. Rogers and Dr. Wood.

"A remarkable meteor seen at Pottsville, May 12th," was verbally described by Mr. Espy.

*Catalogue*: On motion of Mr. Kane, "a Committee to prepare a new Edition of the Society's Catalogue, with authority to employ the necessary assistants," was appointed: DuPonceau, Kane, A. D. Bache, Vaughan.

Dr. Mease enumerated the "places at which *violent storms* occurred, on or about the 19th of June last, the date of the *New Brunswick Tornado*."

1836. *June 17*. (Present 20. DuPonceau in the Chair; Fisher, Tidyman, Baldwin, and others.)

Donations from the British Admiralty, Academy of Sculpture in Brussels; Royal Society, Royal Geological Society, Bailey, of London; Plana, of Turin; Von Hammer, Quetelet, De Konnick, Count Surveilliers, and nine persons in the United States. The President reported his acknowledgment to the Geographical Society, in Paris.

Committee on "Mr. B. Thornton's method of making polygons," reported a recommendation [not stated], which was accepted, and the Committee discharged.

Committee on Hare's "Improvements in apparatus & manipulation," reported it for publication. So ordered.

"Description of new N. A. insects," a continuation of

Mr. Say's paper, was presented by Mr. Pickering, and referred to the same Committee.

"Obs. of the beginning & end of the late Solar Eclipse," by J. R. Hasler [*sic*] at Washington, was referred to Committee collecting observations.

The death of Hon. Ed. Livingston, May 23, reported. Mr. H. D. Gilpin appointed to prepare an obituary notice.

"Committee on collections for the Observatory," was "requested to have the amount subscribed Collected & paid over to the Treasurer of the Society."

Committee of Physical Science was "requested to present a plan & estimate for the erection and furnishing of an *Astronomical Observatory*."

A Committee "to take measures to have the *transit instruments in the Society's Hall* put in order," was appointed : Patterson, Lukens, A. D. Bache.

*The Secretaries were authorized "to publish in any such Journals as they may select brief notices of the papers presented to this Society for insertion in their Transactions."*

Prof. Bache's request "to use the plates of his Memoir on the variation of the needle, published in 1833, . . . to accompany a summary of the paper for the Journ. Franklin Inst.," was granted.

1836. July 15. (Present, 12. DuPonceau in the Chair.)

Donations from ten sources.

Committee on Physical Science reported progress.

Committee on the Transit instruments reported progress.

Dr. Bache for the Secretaries reported progress in preparing a list of Members.

"Obs. on the late Solar Eclipse," made at West Hills, Long Island, by F. I. Ferguson, were referred to the Committee on collecting observations.

"Description of eleven species of new shells" [enumerated] by Isaac Lea, and his "Synopsis of the Family *Naiades*," "which he intended to print with a view of correction and

subsequently to offer for publication to the Society," were presented, and referred to T. Peale, Griffith, Nicklin. "Mr. Lea requested to change in his former paper the name of *Symphonota Bengalensis* to *Unio Bengalensis*, and of *Unio Pometus* to *U. Fisherianus*." Mr. Lea's previous papers were then referred to the same Committee.

The death of James Madison, Esq., was announced.

The President "was requested to present to Mrs. Madison the condolence of the Society on the decease of her venerated Husband;" and C. J. Ingersoll was requested to prepare an obituary notice of the deceased.

The death of the Rev. Dr. Prince, of Salem, was announced.

No election of new members for want of a quorum.

1836. *July 19. Special Meeting.* (Present, 16. DuPonceau in the Chair.)

*Bishop White's death* the cause of the meeting.

The following resolutions were adopted:

"*Resolved*, That the American Philosophical Society entertaining the deepest sense of the loss they have sustained in the Death of their beloved associate, the Right Rev<sup>d</sup> Bishop White, one of the Founders of the Institution, will, in testimony of their respect for his memory, wear the usual Badge of Mourning, on the left Arm for thirty days.

"*Resolved*, That the Society will meet at their Hall to-morrow morning at 10 o'clock, to attend in a Body the Funeral of Bishop White.

"*Resolved*, That the Rev<sup>d</sup> Dr. W. H. De Lancey be appointed to prepare an obituary notice of the deceased, to be read before the Society, and to be preserved in its archives."

1836. *Aug. 19.* (Present, 15.)

N. Carlisle's letter of thanks for election was read; with letters of acknowledgment for copies of Transactions American Philosophical Society, Vol. V, Part ii.

Donations from fourteen sources. For the Cabinet from R. C. Taylor.

The President reported that he had written a letter of condolence.

Committee on Say's papers on new Coleopterous Insects reported in favor of their publication, which report was accepted.

Committee on Lea's papers: 1. Nineteen species of fresh-water shells; 2. Its continuation; 3. On a new general *Megaspira*; 4. Continuation of "*Naiades*;" 5. Eleven new species of fresh-water and land shells, reported in favor of their publication. Report accepted. Mr. Lea then presented "A Continuation of description of new fresh-water & land shells," which was referred to the same Committee.

"Notice of a vein of bituminous *Coal* recently explored in the vicinity of the Havana in Cuba," by R. C. Taylor, F.S.S. and J. G. Clemson, Esq., was read and referred to Pickering, Lukens and Lea.

*Auroral disturbance*: Prof. Bache said "that the *Horizontal Intensity* and the *Variation of the needle* had been affected during the auroras of Thursday, Friday and Saturday last, . . . attended by a fine display of diverging beams"; and "that during the brilliant display in April last, the horizontal needle had moved in a contrary direction to its usual motions on such occasions. The beams of this aurora conveyed to a point S. & E. of the Zenith, at or near the pole of the dipping needle."

A Letter of Ed. Shippen in relation to the Stamp Act, dated April, 1766, was read by Dr. Mease, and ordered to be deposited in the Archives.

"Letter of Nomination No. 1 was read & put on file."

*Antiquitatis Americana*, and *Antiquitatis Britannica*, published at Copenhagen, by the Society of Northern Antiquities [*sic*] might be subscribed for by the Librarian.

1836. Sept. 7. *Special Meeting*. (Present, 15. DuPonceau in the Chair; Espy, Bell, H. D. Rogers, T. Peale, F. Peale, Mease, Hays, Pickering, Emerson, Bancker, and five officers.)

*Wilke's Expedition*: Letter from the Secretary Navy, United States, August 21, "requesting the Society to indicate subjects of inquiry & research for the expedition about to sail for the South Seas," and "to suggest a suitable organization of the scientific corps . . . & to nominate persons qualified to fill its several departments." "On motion of Dr. Chapman it was

"*Resolved*, That it is inexpedient for the Society to nominate candidates for the several offices of the expedition."

The letter was then referred to a Committee of Seven: DuPonceau, Patterson, Chapman, Rogers, Espy, T. R. Peale, and Pickering, "to take order absolutely on so much of the letter as related to the organization of the Scientific departments of the expedition, & the indication of subjects of enquiry," the Society respectfully declining to nominate persons.

1836. *Sept.* 16. (Present, 18. DuPonceau in the Chair; Patterson, F. Bache, Kane, A. D. Bache, Vaughan, Mease, Lukens, Hays, Fisher, Espy, Harlan, Emerson, T. R. Peale, Pickering, T. I. Wharton, Tyson, McEwan.)

Royal Asiatic Society acknowledged receipt of Transactions V, ii.

Donations received from fifteen sources; to Mr. DuPonceau "special thanks" were voted "for the valuable donation of books made by him & through him to the Society."

Committee on Taylor's paper reported it for publication.

Committee on Instructions for the Antarctic Expedition reported progress.

Committee to obtain the Minutes of the Provincial Council, by joint application from the American Philosophical Society, and the Historical Society to the Legislature: DuPonceau and Vaughan, appointed.

"Accounts of Tornados occurring on the same day as the New Brunswick tornado, June 1835 & on other days of the same month, collected by Dr. Mease," was communicated.

The death of Sir R. Liston, of Edinburgh, was announced.

“An instrument, contrived by Prof. Bache & executed by Mr. A. Mason, for *oscillating a magnetic needle in a rarified medium in determining horizontal intensity*,” was exhibited by Prof. Bache.

Letters of nomination Nos. 3 and 4 were read and filed.

Transactions American Philosophical Society New Series; ordered to be sent to the Academy Science, Guatemala.

1836. Oct. 7. (Present, 17. DuPonceau in the Chair; Lea, Short, and others.)

Dr. Morton's letter was read (as Secretary Academy Natural Sciences, Philadelphia), announcing the reception of the first series of Mr. *Townsend's Collections in Natural History*, and Mr. T.'s wish that no division should be made until his return.

Donations from six sources.

Committee on Instructions, South Sea Expedition, continued.

Committee on Erection of Astronomical Observatory ordered to report at next meeting.

Dr. Patterson appointed a member of the Com. *vice* Prof. Bache, going to Europe.

Transactions American Philosophical Society reported sent to the Astronomical Society, Guatemala.

1836. Oct. 21. (Present, 22. DuPonceau in the Chair.)

Donations from eight sources.

Committee on Instructions, South Sea Expedition, reported progress.

The Committee on Astronomical Observatory reported progress, and were granted more time.

Committee to confer with the Historical Society on a Memorial to the Legislature reported, and were “authorized

to unite with a Com. of the H. S. in taking order on the matter referred to them."

"Nomination of membership numbered 5 was read."

New members elected: 1. Col. Joseph G. Totten, United States Engineers; 2. M. Roux de Rochelle, Paris; 3. Dr. Mariano Galvez, Governor of Guatemala; 4. Edwd. Turner, of London, M.D., F.R.S.

1836. Nov. 4. (Present, 20. DuPonceau in the Chair; Rogers, Hare, T. Biddle, Steen Billé, and others.)

Col. Totten's acknowledgments for election were read.

Mr. Carlisle's acknowledgments for election were read.

Dr. Griffith's resignation as Curator, and member of Publication Committee in consequence of his removal to Baltimore, was read and accepted.

Donations from the Pennsylvania Geological Society, the Linnean Society, London, and ten persons were announced.

Committee on Instructions South Sea Expedition reported their duties performed, and were continued for the purpose of preparing a written report.

Committee on Astronomical Observations reported progress.

"Prevailing winds & state of Thermometer observed at Fort Union, Upper Missouri, near the mouth of the Yellow Stone River from 1 Jan. 1834, to 27 June 1836," by C. J. A. Hamilton, Esq., was presented and referred to Patterson, Espy and T. R. Peale.

Additional descriptions of Fresh Water Shells, by Mr. Lea, were referred to former Committee.

*Geological Survey*: "Prof. Rogers announced as the result of systematic investigations, during the past summer, *that the several Coal formations bituminous & anthracite (of the State) rest on the same particular basis.*"

1836. Nov. 18. (Present, 22. DuPonceau in the Chair; Dunglison, Billé, Bancker, Nuttall, Dunn, Harlan, and others.)



Royal Academy Lisbon, acknowledged receipt of Transactions V, ii.

Donations of books from two Societies and eight persons.

Committee on Instructions South Sea Expedition, reported that they had "performed their duty with zeal and fidelity;" had at their first meeting subdivided the labor, each "undertaking to report on the Subject with which he was most familiar;" had at the Second meeting read the whole, "corrections being made by a majority of votes," and "committed the whole to one member to revise & connect together, with proper introductory & concluding matter, all which being approved, a fair Copy was made, containing 36 folio pages, which was signed by the members individually, & was carried to Washington by one of the members, Mr. Peale, who delivered it to the Hon. Secretary, who expressed himself fully satisfied therewith; and that the *individual draughts* are in the hands of the Treasurer to be disposed of as the Society may direct. Phil. 18 Nov. 1836;" signed Peter S. Duponceau, Chairman. Report accepted, Committee discharged, and Treasurer directed to preserve the documents in the archives.

Committee on Lea's "Continuation &c.," reported it for publication. So ordered.

A letter by Mr. Duponceau on "Languages styled *Ideographic*," was read by Mr. Peale, and referred to Patterson, Kane, Dunglison.

The letter from the Royal Academy, Lisbon, "announcing the transmission of several very valuable works, & communicating the wishes of the Academy for a more active scientific intercourse . . . ." was read, and the Secretary was instructed to communicate "a reciprocation on the part of this Society, of the liberal feeling and friendly wishes expressed in the letter read this evening."

Nominations of membership numbered 6, 7 and 8, were read.

1836. Dec. 3. (Present, 21. Duponceau in the Chair.)

Answer of the United States Secretary of Navy to the Committee South Sea Expedition was read.

Donations of books received from seven sources.

Committee on Memorial reported that they had conferred with a Committee of the Pennsylvania Historical Society, and "agreed on a *joint memorial* to be presented to the legislature at the opening of their session; a copy to be sent to the Governor, Patron of this Society, soliciting his support;" a draught of which copy was presented, the report accepted, and the Committee discharged.

Committee on Duponceau's Ideographic Systems reported it for publication.

Publication Committee reported that they had published Vol. V, Part ii, and printed all the papers for Part iii. List of donations for the volume nearly ready. Vol. VI, Part i, "in a state of progress, many of the plates of the first paper being finished." Detailed account of their proceedings and finances to be deferred until Vol. V is published. Report accepted.

Committee on McClure's and Vaughan's Libraries (March 18, 1836), reported that "they have selected a number of works, the purchase of which they recommend to the Society." The following is a list of titles and prices:

Annual Register, 72 Vols., \$72; Linnæus, 12 Vols., \$11; Rozel, Frogs, 1 Vol., \$12; Ast. tables, 1 Vol., \$2; Olaus Magnus, 1 Vol., \$4; Charlevoix, 6 Vols., \$5; Puissant Geodesic Topograph and Supplement, 4 Vols., \$9; Gualterius, Index of Shells, 1 Vol., \$12; Ponboppidix [*sic*], \$6; Diplomatie française, \$14; Baker's Chronicle, \$4; Newton's Principia, 4 Vols., \$8; Voyage Pingre Borda, 2 Vols., \$4; Salazar Hydrographie, 2 Vols., \$6; Binney's Coll. Voyage, 5 Vols., \$10; Schaeffer's Insects, 3 Vols., \$24; Cortes New Spain, \$4; Cardenas' Florida, \$5; Garcilaso de la Vega Fernando de Soto, \$5—\$225. Report accepted and purchases ordered.

PROGRESS OF THE SOCIETY.—A Verbal communication was made by the President on the subject of the progress of the Society in the following words :

In the Year 1769 this Society was formed by the junction of two Societies.

Two Years afterwards (1771) the 1<sup>st</sup> Vol. of our Transactions was published. It did great honor to the Society, and raised our Country in the opinion of the Learned of Europe.

A second Edition was called for and published in 1782.

The 2<sup>nd</sup> Volume was not published until 1786, fifteen years after the 1<sup>st</sup>; The War intercepted our labours.

Seven years intervened until the publication of the 3<sup>rd</sup> Volume in 1793.

The fourth was published six years afterwards in 1799.

The fifth three years afterwards in 1802.

Two years afterwards in 1804 we published the first part of a sixth Volume, the second was not published until 1809, five years after the first part, and seven years after the 5<sup>th</sup> Volume.

Then we went to sleep for 9 years.

Here ended the first series of our transactions, 6 Volumes published in the space of 49 Years, being something less than one volume in Eight Years.

#### SECOND SERIES.

In the Year 1818, we awoke, & published the first Volume of a new series of our Transactions. The next Year (1819) we published a Volume of Historical Transactions.

The success of this Book made us forget our Philosophical Transactions, yet we were not idle ; 4 Years afterwards (1824) we published our Catalogue, which took a long time in preparing.

The next Year (1825) we published the 2<sup>nd</sup> Volume of our Transactions (new series.)

Five years again we rested ; the 3<sup>rd</sup> Volume was not published till 1830, and the fourth in 1834, four years afterwards, since which, we have been fast advancing.

Volume the 5<sup>th</sup> 1836, two years interval.

Volume the 6<sup>th</sup> preparing for 1837.

Thus if as expected we publish a Volume in 1837, we shall have published, including the Catalogue, and The Historical Transactions, eight Volumes in 19 Years, making something less than one Volume every two years, and we may hope hereafter to publish one every year.

1<sup>st</sup> Series. 1 Vol. in about 8 Years.

2<sup>nd</sup> Series. 1 Vol. in about 2 Years.

We are advancing and must not lose our Courage ; our best publications have followed each other pretty close, and show that the Spirit among us is not extinct.

1836. Dec. 16. (Present, 23. DuPonceau in the Chair.)

Donations for the Library from three Societies and four persons.

For the Cabinet, a specimen of the new coinage of the *American Dollar*, by Dr. Patterson, who described the devices. A specimen of *medal ruling*, from Asa Spencer.

Committee of Finance reported the Account of John Vaughan, Treasurer American Philosophical Society, December 16, 1836:

|  |          |
|--|----------|
| 1. Magellanic fund balance in hand.....  | \$175 40 |
| 2. Rittenhouse “ “ “ .....   | 73 65    |
|  | <hr/>    |
|  | \$249 05 |
| 3. Magellanic extra fund, Interest & Account balanced by payment to Isaac Lea, Treas. Pub. Fund. |          |
| 4. General account in hands of Treasurer.....  | \$477 67 |

Necrological notice of Judge Tait, read by Mr. Lea, and filed away.

*Appropriations for 1836*: Hall, \$150; Binding, \$100; Journals, \$200; Current expenses, \$200.

*Transactions American Philosophical Society*: Mr. Fisher described the *first form* in which they were published, viz., as an Appendix to the American Magazine, printed in 1769; and exhibited copies containing the Transactions American Philosophical Society.

1837. Jan'y 6. (Present, 17. Chapman in the Chair; DuPonceau, Dr. Bache, Kane, Vaughan, Espy, Major Bache, Lukens, McIlvaine, Dunglison, T. R. Peale, Hays, Nuttall, Pickering, Tyson, Emerson, Sully.)

#### ANNUAL ELECTION OF OFFICERS.

Annual Election of Officers held in the afternoon, reported:

*President*—DuPonceau.

*Vice-Presidents*—Chapman, J. Hopkinson, Patterson.